

Abstract

Method for operating a measuring probe for measuring a gas concentration

In a method for operating a measuring probe for measuring a gas concentration in a measuring gas with the aid of a solid electrolyte which conducts oxygen ions and has a measurement cavity for holding the measuring gas, a measuring electrode and an external electrode, a pumping current flowing between the measuring electrode and external electrode transporting oxygen ions from the measuring electrode to the external electrode, the measuring electrode being checked by determining the electrode area effectively available for oxygen diffusion.

Figure 2